

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A flange yoke comprising:

a base element defining a longitudinal axis and including a flange plate including a first end face and a second end face, a first bearing portion formed integrally with the flange plate and projecting from the first end face of the flange plate and having a first bearing bore defining a first bore axis intersecting perpendicularly the longitudinal axis, a first attachment face provided at the first end face of the flange plate, a first abutment face extending from the first attachment face and arranged on a plane that intersects with its extension the first bore axis, and a connection face that is arranged on the second end face of the flange plate and that is connectable to a mating flange; and

a bearing element having a flange portion that forms a second attachment face that abuts the first attachment face of the base element, and a second abutment face that abuts the first abutment face of the base element, and a second bearing portion having a second bearing bore defining a second bore axis arranged co-axially to the first bore axis, wherein the bearing element is detachably connected by attachment screws to the base element, the flange portion of the bearing element being provided with first blind holes having internal threads that extend parallel to the longitudinal axis, wherein for each blind hole, a first through bore is arranged in the flange plate of the base element that, starting from the connection face, merges in the first attachment face, and wherein first attachment screws are passed through said first through bores and rest in said first blind holes.

2. (Original) A flange yoke according to claim 1, characterized in that the attachment screws are formed as expansion screws.

3. (Cancelled).

4. (Currently Amended) A flange yoke according to claim 4 [[3]], characterized in that the first attachment screws have screw ends that are countersunk in the connection face.

5 -6. (Cancelled).

7. (Currently Amended) A flange yoke according to claim 1, characterized in that the first attachment face ~~faees~~ and the second attachment face have means for the transmission of torque around the longitudinal axis.

8. (Original) A flange yoke according to claim 7, characterized in that the first attachment face has a toothing and the second attachment face has a toothing, wherein the toothings are formed complementary to each other.

9. (Original) A flange yoke according to claim 8, characterized in that teeth of the toothing of the first attachment face and teeth of the toothing of the second attachment face extend parallel to the first bore axes.

10 - 12. (Cancelled)

13. (Original) A flange yoke according to claim 1, characterized in that the first abutment face and the second abutment face have, respectively, means for the transmission of forces in the plane of the abutment faces.

14. (Original) A flange yoke according to claim 13, characterized in that the first abutment face and the second abutment face have respective toothings that are formed complementary to each other.

15. (Original) A flange yoke according to claim 14, characterized in that teeth of the toothing of the first abutment face and teeth of the toothing of the second abutment face extend parallel to the longitudinal axis.

16. (Original) A flange yoke according to claim 14, characterized in that teeth of the toothing of the first abutment face and teeth of the toothing of the second abutment face intersect perpendicularly the longitudinal axis with a distance in between.

17. (Cancelled).

18. (Original) A flange yoke according to claim 1, characterized in that the connection face has means for centering the flange plate relative to a longitudinal axis of the mating flange.

19. (Currently Amended) A flange yoke according to claim 18, characterized in that the means for centering is formed by a self-centering spur gear, ~~especially a Hirth spur gear.~~

20. (Original) A flange yoke according to claim 1, characterized in that, in the flange plate of the base element, through bores are provided that are equally distributed on a partial circumference around the longitudinal axis in the area of the first attachment face and extend parallel to the longitudinal axis and through which a first partial number of connection screws are passed, and further that for each through bore, a blind hole with an internal thread is arranged in the bearing element, wherein the blind holes extend in the extension of the respective through bore of the base element and start from the second attachment face, and wherein the first partial number of connection screws is screwed into the blind holes, and that in the flange plate of the base element, blind holes with internal threads are provided that are equally distributed on the residual partial circumference around the longitudinal axis in

the area of the first bearing portion and into which a second partial number of connection screws is screwed.

21. (Currently Amended) A flange yoke according to claim 1, characterized in that in the flange plate of the base element, through bores are provided ~~,-equally distributed on a partial circumference~~ around the longitudinal axis in the area of the first attachment face and extending parallel to the longitudinal axis and through which a first partial number of connection screws is passed, that for each through bore, a through bore is arranged in the bearing element, wherein the through bore extends in the bearing element in extension of the respective through bore of the base element and which, starting from the second attachment face, ends in a second clamping face and wherein the first partial number of connection screws is, starting from the connection face, passed through the through bore of the base element and through the through bore in the bearing element and is screwed into the internal threads of a thread body, supported on the second clamping face, that in the flange plate of the base element, through bores are provided ~~,-equally distributed on the residual partial circumference~~ around the longitudinal axis in the area of the first bearing portion, extending parallel to the longitudinal axis and which, starting from the connection face, end in a first clamping face, wherein a ~~the~~ second partial number of connection screws is, starting from the connection face, passed through the through bores and is screwed into the internal threads of a thread body, supported on the first clamping face.

22. (Original) A flange yoke according to claim 21, characterized in that the first clamping face is formed by a first recess in the outer circumferential face of the base element and that the second clamping face is formed by a second recess in the outer circumferential face of the bearing element.

23. (Original) A flange yoke according to claim 21, characterized in that the thread body is formed by a ring, supported on the first clamping face and on the

second clamping face and which is split in a plane, which is formed by the longitudinal axis and the first bore axis.

24. (New) A flange yoke comprising:

a base element defining a longitudinal axis and including a flange plate including a first end face and a second end face, a first bearing portion formed integrally with the flange plate and projecting from the first end face of the flange plate and having a first bearing bore defining a first bore axis intersecting perpendicularly the longitudinal axis, a first attachment face provided at the first end face of the flange plate, a first abutment face extending from the first attachment face and arranged on a plane that intersects with its extension the first bore axis, and a connection face that is arranged on the second end face of the flange plate and that is connectable to a mating flange; and

a bearing element having a flange portion that forms a second attachment face that abuts the first attachment face of the base element, and a second abutment face that abuts the first abutment face of the base element, and a second bearing portion having a second bearing bore defining a second bore axis arranged co-axially to the first bore axis, wherein the bearing element is detachably connected by attachment screws to the base element, wherein the first attachment face has a toothing and the second attachment face has a toothing, wherein the toothings engage each other for the transmission of torque around the longitudinal axis.

25. (New) A flange yoke according to claim 24, characterized in that the attachment screws are formed as expansion screws.

26. (New) A flange yoke according to claim 24, characterized in that the flange portion of the bearing element is provided with first blind holes having internal threads that extend parallel to the longitudinal axis, wherein for each blind hole, a first through bore is arranged in the flange plate of the base element that, starting from the

connection face, merges in the first attachment face, and wherein first attachment screws are passed through said first through bores and rest in said first blind holes.

27. (New) A flange yoke according to claim 26, characterized in that the first attachment screws have screw ends that are countersunk in the connection face.

28. (New) A flange yoke according to claim 24, characterized in that teeth of the toothing of the first attachment face and teeth of the toothing of the second attachment face extend parallel to the first bore axes.

29. (New) A flange yoke according to claim 24, characterized in that the first abutment face and the second abutment face have, respectively, means for the transmission of forces in the plane of the abutment faces.

30. (New) A flange yoke according to claim 29, characterized in that the first abutment face and the second abutment face have respective toothings that are formed complementary to each other.

31. (New) A flange yoke according to claim 30, characterized in that teeth of the toothing of the first abutment face and teeth of the toothing of the second abutment face extend parallel to the longitudinal axis.

32. (New) A flange yoke according to claim 30, characterized in that teeth of the toothing of the first abutment face and teeth of the toothing of the second abutment face intersect perpendicularly the longitudinal axis with a distance in between.

33. (New) A flange yoke according to claim 24, characterized in that the connection face has means for centering the flange plate relative to a longitudinal axis of the mating flange.

34. (New) A flange yoke according to claim 33, characterized in that the means for centering is formed by a self-centering spur gear.

35. (New) A flange yoke according to claim 24, characterized in that, in the flange plate of the base element, through bores are provided that are equally distributed on a partial circumference around the longitudinal axis in the area of the first attachment face and extend parallel to the longitudinal axis and through which a first partial number of connection screws are passed, and further that for each through bore, a blind hole with internal thread is arranged in the bearing element, wherein the blind holes extend in the extension of the respective through bore of the base element and start from the second attachment face, and wherein the first partial number of connection screws is screwed into the blind holes, and that in the flange plate of the base element, blind holes with internal threads are provided that are equally distributed on the residual partial circumference around the longitudinal axis in the area of the first bearing portion and into which a second partial number of connection screws is screwed.

36. (New) A flange yoke according to claim 24, characterized in that in the flange plate of the base element, through bores are provided around the longitudinal axis in the area of the first attachment face and extending parallel to the longitudinal axis and through which a first partial number of connection screws is passed, that for each through bore, a through bore is arranged in the bearing element, wherein the through bore extends in the bearing element in extension of the respective through bore of the base element and which, starting from the second attachment face, ends in a second clamping face and wherein the first partial number of connection screws is, starting from the connection face, passed through the through bore of the base element and through the through bore in the bearing element and is screwed into the internal threads of a thread body, supported on the second clamping face, that in the flange plate of the base element, through bores are provided around the longitudinal axis in the area of the first bearing portion, extending parallel to the longitudinal axis and

which, starting from the connection face, end in a first clamping face, wherein a the second partial number of connection screws is, starting from the connection face, passed through the through bores and is screwed into the internal threads of a thread body, supported on the first clamping face.

37. (New) A flange yoke according to claim 36, characterized in that the first clamping face is formed by a first recess in the outer circumferential face of the base element and that the second clamping face is formed by a second recess in the outer circumferential face of the bearing element.

38. (New) A flange yoke according to claim 36, characterized in that the thread body is formed by a ring, supported on the first clamping face and on the second clamping face and which is split in a plane, which is formed by the longitudinal axis and the first bore axis.